

CDS® Elbow Brace Duo

Dynamic spring-loaded elbow orthosis

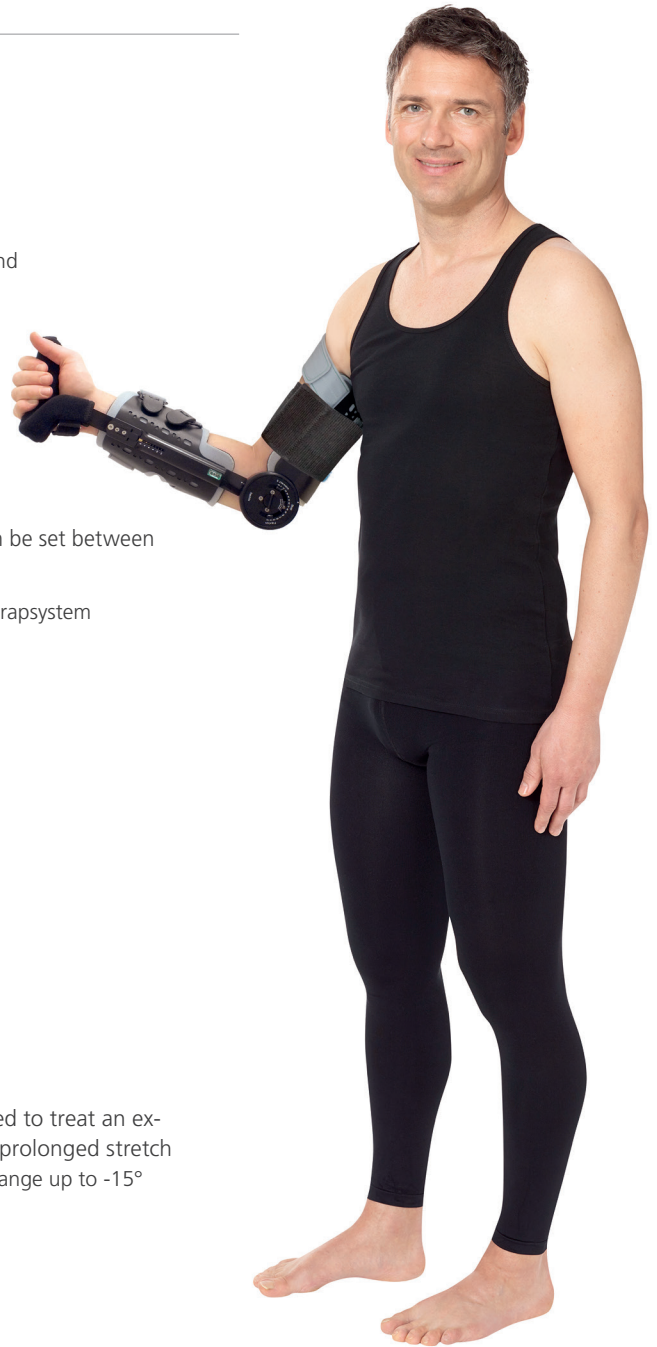
Patents DE 199 04 554 / EP 1 482 881 / US 7,083,583

Indications

- Joint contractures due to
 - vegetative state
 - cerebral palsy
 - genetic syndroms
 - epilepsy
 - spina bifida
 - near-drowning
 - burns
 - stroke
 - spinal injury
 - paralysis
 - craniocerebral injury
 - capsular ligament injury
 - surgery
 - before and after joint replacement
 - arthrosis and chronic polyarthritis
- treatment of biceps tendon rupture
- to prevent recurring constracures following arthrolysis

Features

- therapy in extension und flexion
- spring tension individually adjustable
- immobilisation function between -10° and +150°
- change-over point can be set between +46° and +92°Ind
- adjustable shell- and strapsystem



Mode of Operation

The CDS® Elbow Brace Duo is based on the CDS®-principle and has been designed to treat an extension and flexion deficit of the elbow. The brace applies a dynamic low load prolonged stretch to stimulate growth in the contracted tissue. The infinitely adjustable redression range up to -15° prevents harmful overstretching.

Size chart and article numbers

Name	Length of upper arm shell medial*	Length of forearm shell medial*	Circumference of upper arm	Circumference of forearm	Art.-No. left	Art.-No. right
Elbow Duo L/L	17 - 21 cm	20 - 24 cm	28 - 39 cm	22 - 30 cm	905LL-L	905LL-R
Elbow Duo L/L with handle	17 - 21 cm	20 - 24 cm	28 - 39 cm	22 - 30 cm	9051LL-L	9051LL-R
Elbow Duo M/M	17 - 20,5 cm	19,5 - 22 cm	20 - 30 cm	18 - 24 cm	905MM-L	905MM-R
Elbow Duo M/M with handle	17 - 20,5 cm	19,5 - 22 cm	20 - 30 cm	18 - 24 cm	9051MM-L	9051MM-R

*in combination with the respective shell sets

Modules for individual assembly

	Name	Width	Art.-No. left	Art.-No. right
Optional adjustable handle with continuously adjustable immobilisation of the wrist between 70° pronation and 70° supination Optional hand plate with angle adjustment Optional carrying strap	handle L		991L-HL	991L-HR
	adjustable handle L		993L-HL	993L-HR
	adjustable hand plate L	10 cm	994L-HL	994L-HR
	adjustable hand plate M	8 cm	994M-HL	994M-HR
	adjustable hand plate S	6 cm	994S-HL	994S-HR
	carrying strap L		580-200-S	

Shell Sets Upper Arm

Size	Circumference of upper arm	left	right	Art.-No.
L/L	28 - 39 cm	•		822LL-L
			•	822LL-R
M/M	20 - 30 cm	•		822MM-L
			•	822MM-R



Dynamic splints

Hinge Sets CDS® Elbow Brace Duo

Size	Length of upper arm shell medial*	Length of forearm shell medial*	left	right	Art.-No.
L/L	17 - 21 cm	20 - 24 cm	•		870-185-L
				•	870-185-R
M/M	17 - 20,5 cm	19,5 - 22 cm	•		870-185-L
				•	870-185-R



*in combination with the respective shell sets

Shell Sets Forearm

Size	Circumference of forearm	left	right	Art.-No.
L/L	22 - 30 cm	•		823LL-L
			•	823LL-R
M/M	18 - 24 cm	•		823MM-L
			•	823MM-R



Measurement Chart

Noch nicht richtig übersetzt

